



12-03-01

165 2151  
\$PATENT  
00262

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 2151

In re application of : METHOD FOR AUTOMATED RETUNE OF  
Gopal N. Iyer : TELECOMMUNICATIONS DATA IN A  
Serial No. 09/751,457 : WIRELESS NETWORK USING LUCENT  
Filing Date: December 29, 2000 : EQUIPMENT

RECEIVED

DEC 06 2001

Technology Center 2100

**PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)**

November 30, 2001

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Sir:

This Petition is to correct the incorrect original naming of inventors in the previously filed Declaration pursuant to 37 C.F.R. § 1.48(a). Please add the following individuals as inventors in the subject application:

Mark R. Tietz; and

David L. Liles.

12/04/2001 5DENB0B1 00000061 09751457

Express Mail" mailing label number ET793309913US

01 FC:122

130.00 OP

Date of Deposit November 30, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202

PI-756868 v1 0224285-0057

Enclosed please find the following documents:

- Statements of the above-named inventors under 37 C.F.R. § 1.48(a);
- A Declaration (37 C.F.R. § 1.63) executed by all of the actual inventors of the subject matter in the subject application as required by 37 C.F.R. § 1.48(a)(2);
- A copy of an Assignment executed by Mr. Gopal N. Iyer and each of the newly added inventors;
- A Combined 37 C.F.R. § 3.73(b) Statement, Power of Attorney and Assignee Assent executed by an officer of the Assignee; and
- A check in the amount of \$130.00 as specified in 37 C.F.R. §§ 1.48(a) and 1.17(i).

Applicant respectfully petitions to have Mr. Tietz and Mr. Liles added as inventors in the subject application.

The Office is hereby authorized to charge Deposit Account 11-1110 for any fee deficiency associated with this Petition. Any questions regarding this Petition should be directed to the undersigned representative.

Respectfully submitted,

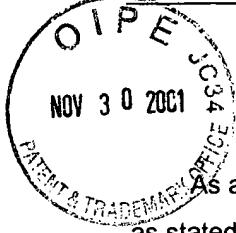


\_\_\_\_\_  
Michael D. Lazzara  
Registration No. 41,142

Attorney for Applicants

Kirkpatrick & Lockhart LLP  
Henry W. Oliver Building  
535 Smithfield Street  
Pittsburgh, PA 15222-2312

Telephone: (412) 355-8994  
Facsimile: (412) 355-6501  
E-mail: mlazzara@kl.com



## DECLARATION

### INVENTORSHIP IDENTIFICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

### METHOD FOR AUTOMATED RETUNE OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT

RECEIVED

#### TITLE OF INVENTION

DEC 06 2001

#### SPECIFICATION IDENTIFICATION

the specification of which:

Technology Center 2100

- (a)  is attached hereto.
- (b)  was filed on December 29, 2000, as  Serial No. 09/751,457  
 and was amended on (if applicable).
- (c)  was described and claimed in PCT International Application No.   filed on    
 and was amended on  . (if applicable).

### ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

### PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

(Prior Foreign/Pct Application(S) Filed Within 12 Months  
 (6 Months For Design) Prior To This Application)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate(s) or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed.

| Application Number | Country or PCT | Date Of Filing<br>(Day, Month, Year) | Priority not<br>Claimed  | Certified Copy<br>Attached?                             |
|--------------------|----------------|--------------------------------------|--------------------------|---|
|                    |                |                                      | <input type="checkbox"/> | <input type="checkbox"/> YESNO <input type="checkbox"/> |

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. § 119(e)**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

| Provisional Application Number | Filing Date |
|--------------------------------|-------------|
|                                |             |

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120**

(All Foreign Application(S), If Any, Filed More Than 12 Months  
(6 Months For Design) Prior To This U.S. Application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or 365(c) PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

| U.S Parent Application No. | PCT Parent Application No. | Date Of Filing<br>(Day, Month, Year) | Parent Patent No. (If applicable) |
|----------------------------|----------------------------|--------------------------------------|-----------------------------------|
|                            |                            |                                      |                                   |
|                            |                            |                                      |                                   |

**DECLARATION**

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

## SIGNATURE(S)

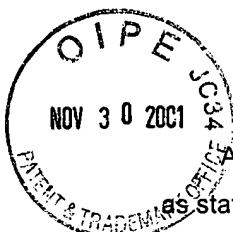
## Inventor(s)

|                      |  |                        |
|----------------------|--|------------------------|
| Gopal                | N.   | Iyer                   |
| (GIVEN NAME)         | (MIDDLE INITIAL OR NAME)                         | FAMILY (OR LAST NAME)  |
| <u>Gopal N. Iyer</u> |  |                        |
| Date                 | 11/15/01   | Country of Citizenship |
| Residence            | Boca Raton, Florida 33428                        |                        |
| Post Office Address  | 11408 Woodchuck Drive, Boca Raton, Florida 33428 |                        |

|                      |  |                       |
|----------------------|--|-----------------------|
| Mark                 | R.   | Tietz                 |
| (GIVEN NAME)         | (MIDDLE INITIAL OR NAME)                                 | FAMILY (OR LAST NAME) |
| <u></u>              |  |                       |
| Inventor's signature |  |                       |
| Date                 | Country of Citizenship USA                               |                       |
| Residence            | Boynton Beach, Florida 33425                             |                       |
| Post Office Address: | 3144 Chapel Hill Boulevard, Boynton Beach, Florida 33425 |                       |

|                      |   |                       |
|----------------------|---|-----------------------|
| David                | L.                                      | Liles                 |
| (GIVEN NAME)         | (MIDDLE INITIAL OR NAME)                | FAMILY (OR LAST NAME) |
| <u></u>              |   |                       |
| Inventor's signature |   |                       |
| Date                 | Country of Citizenship USA              |                       |
| Residence            | Wendell, NC 27591                       |                       |
| Post Office Address: | 1409 Eagle Rock Road, Wendell, NC 27591 |                       |

- Signature** by administrator(trix), or legal representative for deceased or incapacitated inventor. *Number of pages added* \_\_\_\_\_.
- Signature** for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. *Number of pages added* \_\_\_\_\_.
- Added page for **signature** by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47) *Number of pages added* \_\_\_\_\_.
- Authorization of attorney(s) to accept and follow instructions from representative.
- This declaration ends with this page.



## DECLARATION

### INVENTORSHIP IDENTIFICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

### **METHOD FOR AUTOMATED RETUNE OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT**

### TITLE OF INVENTION

### SPECIFICATION IDENTIFICATION

the specification of which:

- (a)  is attached hereto.
- (b)  was filed on December 29, 2000, as  Serial No. 09/751,457  
 and was amended on (if applicable).
- (c)  was described and claimed in PCT International Application No.    filed on     
 and was amended on   . *(if applicable)*.

### ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

### PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d) (Prior Foreign/Pct Application(S) Filed Within 12 Months (6 Months For Design) Prior To This Application)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate(s) or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed.

| Application Number | Country or PCT | Date Of Filing<br>(Day, Month, Year) | Priority not<br>Claimed  | Certified Copy<br>Attached?                           |
|--------------------|----------------|--------------------------------------|--------------------------|---|
|                    |                |                                      | <input type="checkbox"/> | <input type="checkbox"/> YES <input type="checkbox"/> |

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. § 119(e)**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

| Provisional Application Number | Filing Date |
|--------------------------------|-------------|
|                                |             |

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120**

(All Foreign Application(S), *If Any*, Filed More Than 12 Months  
(6 Months For Design) Prior To This U.S. Application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or 365(c) PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

| U.S Parent Application No. | PCT Parent Application No. | Date Of Filing<br>(Day, Month, Year) | Parent Patent No. ( <i>If applicable</i> ) |
|----------------------------|----------------------------|--------------------------------------|--|
|                            |                            |                                      |  |
|                            |                            |                                      |  |

**DECLARATION**

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

## SIGNATURE(S)

## Inventor(s)

|              |                          |                       |
|--------------|--------------------------|-----------------------|
| Gopal        | N.                       | Iyer                  |
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_ India

Residence \_\_\_\_\_ Boca Raton, Florida 33428

Post Office Address \_\_\_\_\_ 11408 Woodchuck Drive, Boca Raton, Florida 33428

|              |                          |                       |
|--------------|--------------------------|-----------------------|
| Mark         | R.                       | Tietz                 |
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |

Inventor's signature \_\_\_\_\_ 

Date \_\_\_\_\_ 11/05/01 Country of Citizenship \_\_\_\_\_ USA

Residence \_\_\_\_\_ Boynton Beach, Florida 33425

Post Office Address: \_\_\_\_\_ 3144 Chapel Hill Boulevard, Boynton Beach, Florida 33425

|              |                          |                       |
|--------------|--------------------------|-----------------------|
| David        | L.                       | Liles                 |
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_ USA

Residence \_\_\_\_\_ Wendell, NC 27591

Post Office Address: \_\_\_\_\_ 1409 Eagle Rock Road, Wendell, NC 27591

**Signature** by administrator(trix), or legal representative for deceased or incapacitated inventor. *Number of pages added* \_\_\_\_\_.

**Signature** for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. *Number of pages added* \_\_\_\_\_.

Added page for **signature** by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47) *Number of pages added* \_\_\_\_\_.

Authorization of attorney(s) to accept and follow instructions from representative.

This declaration ends with this page.



## DECLARATION

### INVENTORSHIP IDENTIFICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

### METHOD FOR AUTOMATED RETUNE OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT

### TITLE OF INVENTION

### SPECIFICATION IDENTIFICATION

the specification of which:

- (a)  is attached hereto.
- (b)  was filed on December 29, 2000, as  Serial No. 09/751,457  
 and was amended on (if applicable).
- (c)  was described and claimed in PCT International Application No.    filed on     
 and was amended on   . *(if applicable)*.

### ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

### PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d) (Prior Foreign/Pct Application(S) Filed Within 12 Months (6 Months For Design) Prior To This Application)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate(s) or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed.

| Application Number | Country or PCT | Date Of Filing<br>(Day, Month, Year) | Priority not<br>Claimed  | Certified Copy<br>Attached?                             |
|--------------------|----------------|--------------------------------------|--------------------------|---|
|                    |                |                                      | <input type="checkbox"/> | <input type="checkbox"/> YESNO <input type="checkbox"/> |

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. § 119(e)**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

| Provisional Application Number | Filing Date |
|--------------------------------|-------------|
|                                |             |

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120**

(All Foreign Application(S), If Any, Filed More Than 12 Months  
(6 Months For Design) Prior To This U.S. Application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or 365(c) PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

| U.S Parent Application No. | PCT Parent Application No. | Date Of Filing<br>(Day, Month, Year) | Parent Patent No. (If applicable) |
|----------------------------|----------------------------|--------------------------------------|-----------------------------------|
|                            |                            |                                      |                                   |
|                            |                            |                                      |                                   |

**DECLARATION**

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

## SIGNATURE(S)

## Inventor(s)

|              |                          |                       |
|--------------|--------------------------|-----------------------|
| Gopal        | N.                       | Iyer                  |
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_ India

Residence \_\_\_\_\_ Boca Raton, Florida 33428

Post Office Address: 11408 Woodchuck Drive, Boca Raton, Florida 33428

|              |                          |                       |
|--------------|--------------------------|-----------------------|
| Mark         | R.                       | Tietz                 |
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_ USA

Residence \_\_\_\_\_ Boynton Beach, Florida 33425

Post Office Address: 3144 Chapel Hill Boulevard, Boynton Beach, Florida 33425

|              |                          |                       |
|--------------|--------------------------|-----------------------|
| David        | L.                       | Liles                 |
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |

Inventor's signature David L. Liles \_\_\_\_\_

Date 11/12/2001 Country of Citizenship \_\_\_\_\_ USA

Residence \_\_\_\_\_ Wendell, NC 27591

Post Office Address: 1409 Eagle Rock Road, Wendell, NC 27591

- Signature** by administrator(trix), or legal representative for deceased or incapacitated inventor. *Number of pages added* \_\_\_\_\_.
- Signature** for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. *Number of pages added* \_\_\_\_\_.
- Added page for **signature** by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47) *Number of pages added* \_\_\_\_\_.
- Authorization of attorney(s) to accept and follow instructions from representative.

This declaration ends with this page.



For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
     U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Gopal N. Iyer  
(type or print name of inventors)

Mark R. Tietz

David L. Liles

11408 Woodchuck Drive  
Boca Raton, Florida 33428      India  
Address      Nationality

3144 Chapel Hill Boulevard  
Boynton Beach, Florida 33425      USA

1409 Eagle Rock Road  
Wendell, NC 27591      USA

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: **METHOD FOR AUTOMATED RETUNE OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no.: 09/751,457 filed on December 29, 2000

(e)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Gopal N. Iyer  
(type name of Inventor)

Signature of INVENTOR

Date

*Gopal N. Iyer* 11/5/01

Mark R. Tietz  
(type name of Inventor)

Signature of INVENTOR

Date

David L. Liles  
(type name of Inventor)

Signature of INVENTOR

Date

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
       U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Gopal N. Iyer  
(type or print name of inventors)

11408 Woodchuck Drive  
Boca Raton, Florida 33428 India  
Address Nationality

Mark R. Tietz

3144 Chapel Hill Boulevard  
Boynton Beach, Florida 33425 USA

David L. Liles

1409 Eagle Rock Road  
Wendell, NC 27591 USA

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: **METHOD FOR AUTOMATED RETUNE OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no.: 09/751,457 filed on December 29, 2000

(e)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_ Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Gopal N. Iyer  
(type name of Inventor)

Signature of INVENTOR  Date 11/05/01  
Signature of INVENTOR  Date

Mark R. Tietz  
(type name of Inventor)

David L. Liles  
(type name of Inventor)

---

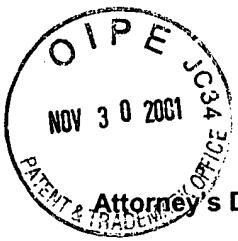
Signature of INVENTOR Date

---

Signature of INVENTOR \_\_\_\_\_ Date \_\_\_\_\_

Notarization or Legalization Page Added.

**NOTE:** No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.



Attorney's Docket No. 00262

**PATENT**

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
       U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Gopal N. Iyer  
(type or print name of inventors)

11408 Woodchuck Drive  
Boca Raton, Florida 33428  
Address India  
Nationality

Mark R. Tietz

3144 Chapel Hill Boulevard  
Boynton Beach, Florida 33425  
USA

David L. Liles

1409 Eagle Rock Road  
Wendell, NC 27591  
USA

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled: **METHOD FOR AUTOMATED RETUNE  
OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,  
hereby authorize and request my attorney to insert below the filing date and application  
number when they become known.

(d)  U.S. application no.: 09/751,457 filed on December 29, 2000

(e)  International application no. PCT / \_\_\_\_\_ /  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in  
and to, all Letters Patent to be obtained for said invention by the above application or any

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_ Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Gopal N. Iyer  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR

\_\_\_\_\_  
Date

Mark R. Tietz  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR

\_\_\_\_\_  
Date

David L. Liles  
(type name of Inventor)

David L. Liles  
\_\_\_\_\_  
Signature of INVENTOR

11/12/2001  
\_\_\_\_\_  
Date

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.



PATENT  
00262

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 2151

In re application of : METHOD FOR AUTOMATED RETUNE OF  
Gopal N. Iyer : TELECOMMUNICATIONS DATA IN A  
Serial No. 09/751,457 : WIRELESS NETWORK USING LUCENT  
Filing Date: December 29, 2000 : EQUIPMENT

**COMBINED 37 C.F.R. §3.73(b)  
STATEMENT, POWER OF ATTORNEY,  
AND ASSENT OF ASSIGNEE TO ADD INVENTORS**

Commissioner of Patents  
Washington, DC 20231

Sir:

**Statement Under 37 C.F.R. §3.73(b)**

To the best of my knowledge, BellSouth Intellectual Property Corporation, a Delaware corporation, having a place of business at 824 Market Street, Suite 510, Wilmington, Delaware 19801 ("Assignee") is the assignee of the entire right, title, and interest in the above-identified application by virtue of an Assignment document executed by all inventors: Gopan N. Iyer, Mark R. Tietz and David L. Liles. A copy of the executed Assignment is attached hereto.

**Power of Attorney**

Assignee hereby revokes all previous powers of attorney, and appoints the following attorneys and/or patent agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

|                        |                 |                      |                 |
|------------------------|-----------------|----------------------|-----------------|
| Michael G. Biro,       | Reg. No. 46,556 | James R. Kyper,      | Reg. No. 27,346 |
| Roberto Capriotti,     | Reg. No. 46,599 | Michael D. Lazzara,  | Reg. No. 41,142 |
| Maria Comninou,        | Reg. No. 44,626 | Mark R. Leslie,      | Reg. No. 36,360 |
| George D. Dickos,      | Reg. No. 30,048 | Franklin B. Molin,   | Reg. No. 37,397 |
| Thomas J. Edgington,   | Reg. No. 34,324 | Robert A. Muha,      | Reg. No. 44,249 |
| Christine R. Ethridge, | Reg. No. 30,557 | Donald R. Palladino, | Reg. No. 46,976 |
| Jesse A. Hirshman,     | Reg. No. 40,016 | Jonathan C. Parks,   | Reg. No. 40,120 |
| James M. Joyce,        | Reg. No. 43,700 | Bernard G. Pike,     | Reg. No. 46,993 |
| Mark G. Knedeisen,     | Reg. No. 42,747 | David Schramm,       | Reg. No. 41,295 |
| William E. Kuss,       | Reg. No. 41,919 | Robert D. Yeager,    | Reg. No. 25,047 |
|                        |                 | Marcus Delgado       | Reg. No. 38,122 |

**Correspondence Address**

Please direct all correspondence in this application to:

Michael D. Lazzara, Esq.  
Kirkpatrick & Lockhart LLP  
Henry W. Oliver Building  
535 Smithfield Street  
Pittsburgh, PA 15222-2312

**Assent of Assignee**

Assignee hereby assents to the correction of inventorship as requested in the Petition and Fee To Add to Originally Named Inventors filed herewith.

**Declaration**

I hereby declare that I am empowered to sign this Statement on behalf of the Assignee and that all statements herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Date: November 26, 2001

Signature: Jacqueline Gregorski

Name: Jacqueline Gregorski

Title: Vice President

**Attorney's Docket No. 00262**

PATENT

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
           U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

## ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Gopal N. Iyer  
(type or print name of inventors)

**11408 Woodchuck Drive  
Boca Raton, Florida 33428** India  
**Address** Nationality

Mark R. Tietz

3144 Chapel Hill Boulevard  
Boynton Beach, Florida 33425 USA

David L. Liles

1409 Eagle Rock Road  
Wendell, NC 27591 USA

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: **METHOD FOR AUTOMATED RETUNE OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no.: 09/751,457 filed on December 29, 2000

(e)  International application no. PCT / \_\_\_\_\_ /  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_ Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Gopal N. Iyer  
(type name of Inventor)

Signature of INVENTOR

11/5/01  
Date

Mark R. Tietz  
(type name of Inventor)

Signature of INVENTOR

Date

David L. Liles  
(type name of Inventor)

Signature of INVENTOR

Date

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.



Attorney's Docket No. 00262

**PATENT**

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
       U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Gopal N. Iyer  
(type or print name of inventors)

11408 Woodchuck Drive  
Boca Raton, Florida 33428  
Address \_\_\_\_\_ India \_\_\_\_\_  
Nationality \_\_\_\_\_

Mark R. Tietz

3144 Chapel Hill Boulevard  
Boynton Beach, Florida 33425  
\_\_\_\_\_ USA \_\_\_\_\_

David L. Liles

1409 Eagle Rock Road  
Wendell, NC 27591  
\_\_\_\_\_ USA \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_) % interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled: **METHOD FOR AUTOMATED RETUNE  
OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,  
hereby authorize and request my attorney to insert below the filing date and application  
number when they become known.

(d)  U.S. application no.: 09/751,457 filed on December 29, 2000

(e)  International application no. PCT / \_\_\_\_\_ /  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in  
and to, all Letters Patent to be obtained for said invention by the above application or any

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_ Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Gopal N. Iyer  
(type name of Inventor)

Signature of INVENTOR

Date

Signature of INVENTOR

11/05/01

Date

Mark R. Tietz  
(type name of Inventor)

Signature of INVENTOR

Date

David L. Liles  
(type name of Inventor)

Signature of INVENTOR

Date

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.



Attorney's Docket No. 00262

**PATENT**

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
       U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Gopal N. Iyer  
(type or print name of inventors)

11408 Woodchuck Drive  
Boca Raton, Florida 33428  
Address India  
Nationality

Mark R. Tietz

3144 Chapel Hill Boulevard  
Boynton Beach, Florida 33425  
USA

David L. Liles

1409 Eagle Rock Road  
Wendell, NC 27591  
USA

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: **METHOD FOR AUTOMATED RETUNE OF TELECOMMUNICATIONS DATA IN A WIRELESS NETWORK USING LUCENT EQUIPMENT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no.: 09/751,457 filed on December 29, 2000

(e)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Gopal N. Iyer  
(type name of Inventor)

Signature of INVENTOR

Date

Mark R. Tietz  
(type name of Inventor)

Signature of INVENTOR

Date

David L. Liles  
(type name of Inventor)

David L. Liles  
Signature of INVENTOR

11/12/2001

Date

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.